

【書類名】図面 {Title of Document} Drawings
[図1] {Fig. 1}

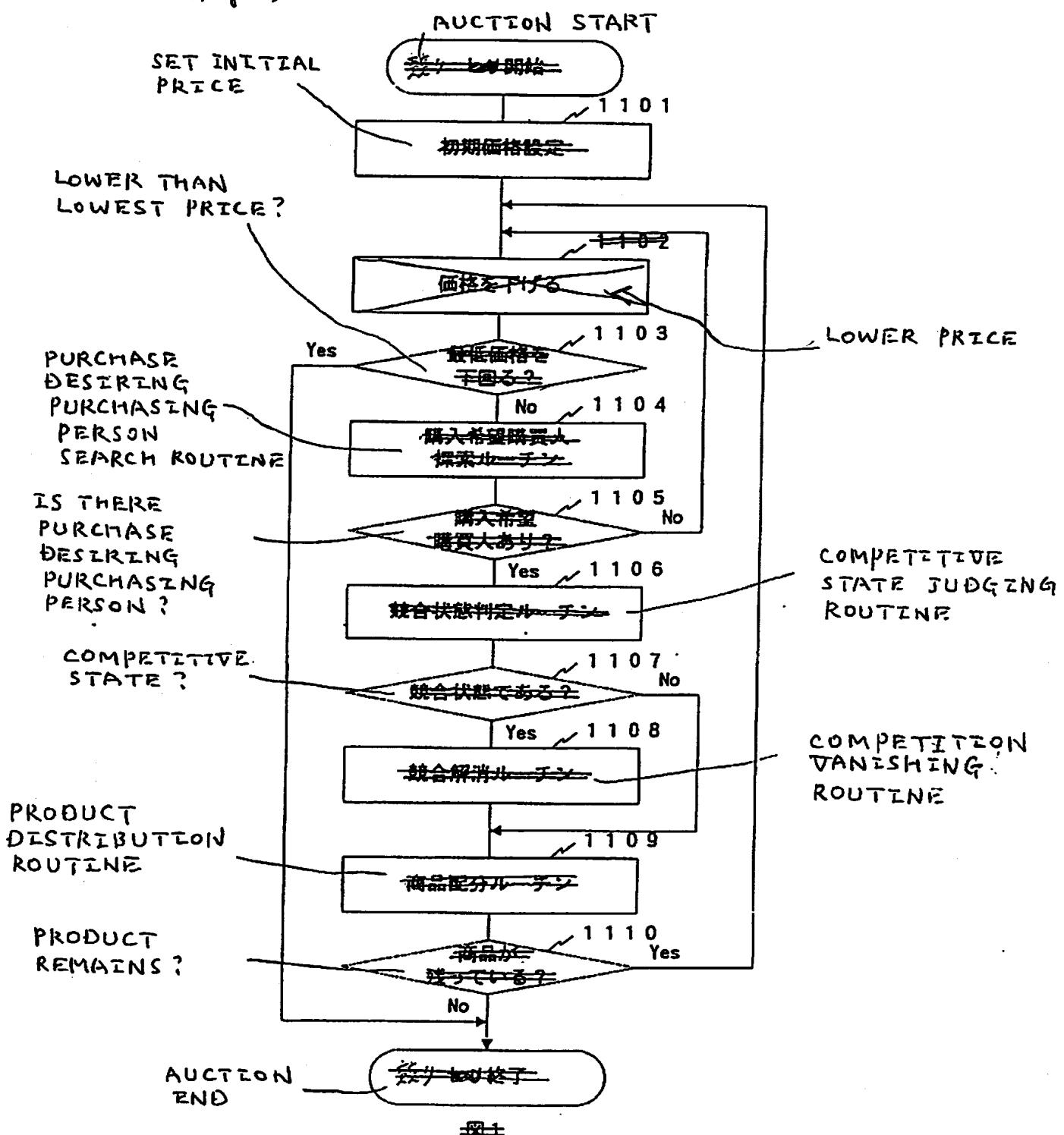
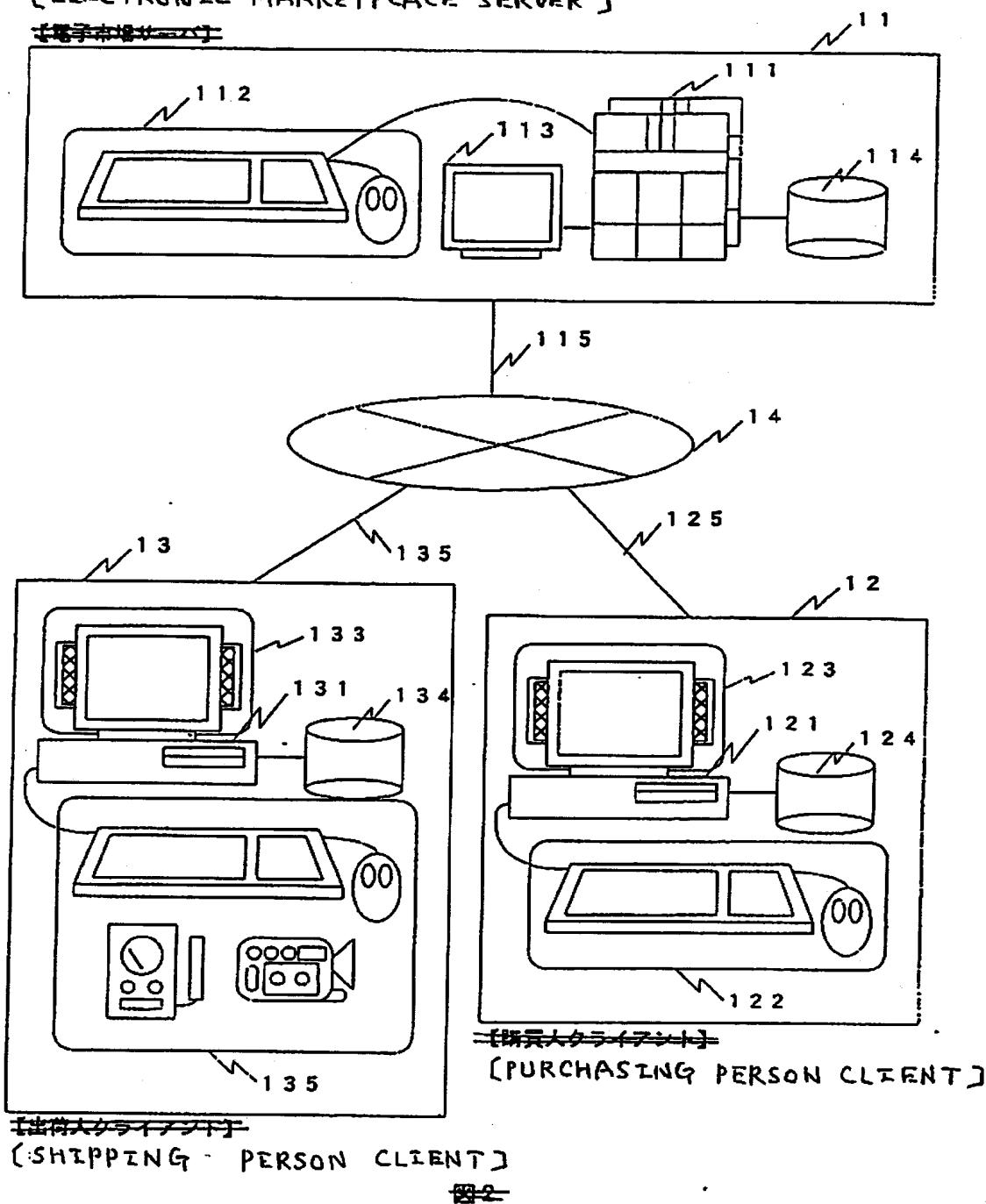


FIG. 1

[Fig. 2]

[ELECTRONIC MARKETPLACE SERVER]



[図3] (Fig. 3)

**AUCTION CONDITION
INPUT EDITOR**

競り条件入力エディタ

PURCHASING PERSON ID	購買人ID: m-mori	311
PRODUCT NUMBER	商品番号: 215-960529-001-001	312
RULE LIST	ルールリスト	313
PURCHASE 80 BOXES AT ¥90 (¥2)	90円(±2円)で80箱購入 90円(±4円)で50箱以上80箱以下購入	314
NEWLY REGISTER	<input checked="" type="checkbox"/> 一度落札後再びに参加しない	321
CORRECT	新規登録...	322
DELETE	訂正...	323
TRANSMIT	削除	324
	優先度↑	325
	優先度↓	326
	送信	327
	中止	

PURCHASE AT LEAST
50 AND AT MOST
80 BOXES AT
¥90 (±¥4)

DO NOT PARTICIPATE
IN AUCTION
ONCE SUCCESSFUL
BID HAS BEEN
CONDUCTED

PRIORITY ↑
PRIORITY ↓
SUSPEND

[図4] (Fig. 4)

FIG. 4

RULE EDITOR ルールエディタ

PRICE CONDITION

- ◆価格条件 411
 - 価格指定 412
90 円 YEN
 - 最低価格 413
- 競合時最大許容価格 414

AMOUNT CONDITION (ARRIVAL AMOUNT: 200)

- ◆数量条件(入荷量: 200) 421
 - 全量購入 422
 - 定量購入 423
BOXES 424
 - 范囲指定購入 425
50 = 80 箱
- 希望数量以下でも購入する 426

BOXES

PURCHASE EVEN IF
DESIRED AMOUNT
IS NOT REACHED

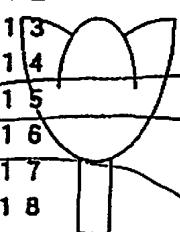
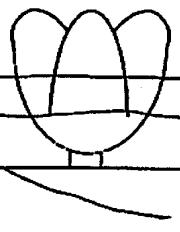
SPECIFIED PRICE
LOWEST PRICE
MAXIMUM ALLOWANCE IN COMPETITION
ALL. AMOUNT PURCHASE
FIXED AMOUNT PURCHASE
RANGE DESIGNATION PURCHASE

REGISTER IN RULE LIST 431
SUSPEND 432

FIG. 5

(図5) {Fig. 5}

OZENJI MARKETPLACE — TULIP —

主辦寺市場—チューリップ販賣—	
◆チューリップ	
PRODUCT NUMBER	211
商品番号: 215-960529-001-001	
VARIETY	品種: ○○種
STANDARD AND COLOR	規格・色: M-S
GROWING AREA	産地: 横浜市
SHIPPING PERSON	出荷者: 美しが丘農協
AMOUNT	数量: 200箱
TIME LIMIT	締切時間: 96/05/29 15:00
AUCTION END TIME	競り終了時間: 96/05/29 15:30
	
PRODUCT NUMBER	212
商品番号: 215-960529-001-002	
VARIETY	品種: △△種
STANDARD AND COLOR	規格・色: L-S
GROWING AREA	産地: 川崎市
SHIPPING PERSON	出荷者: 木更津農協
AMOUNT	数量: 120箱
	

↑ 21
YOKOHAMA CITY
UTSUKUSHIGAOKA
AGRICULTURAL COOPERATIVE
200 BOXES

↓ 219
KAWASAKI CITY
NIJIGAOKA
AGRICULTURAL COOPERATIVE
120 BOXES

(図6) {Fig. 6}

FIG. 3

AUCTION ORDERING SITUATION

DISPLAY/CORRECT
ORDERING INFORMATION
DISPLAY AUCTION RESULT

競り発注状況	
ORDERING PRODUCT LIST	
◆発注商品リスト	
511	
96/05/28 12:34:56 215-960528-003-002 ↑	
96/05/29 13:53:21 215-960529-001-001 ↑	
96/05/29 13:53:21 215-960529-005-002 ↓	
DISPLAY/CORRECT ORDERING INFORMATION	512
DISPLAY AUCTION RESULT	513
発注情報表示/修正	
発注中止	
発注結果表示	
閉じる	

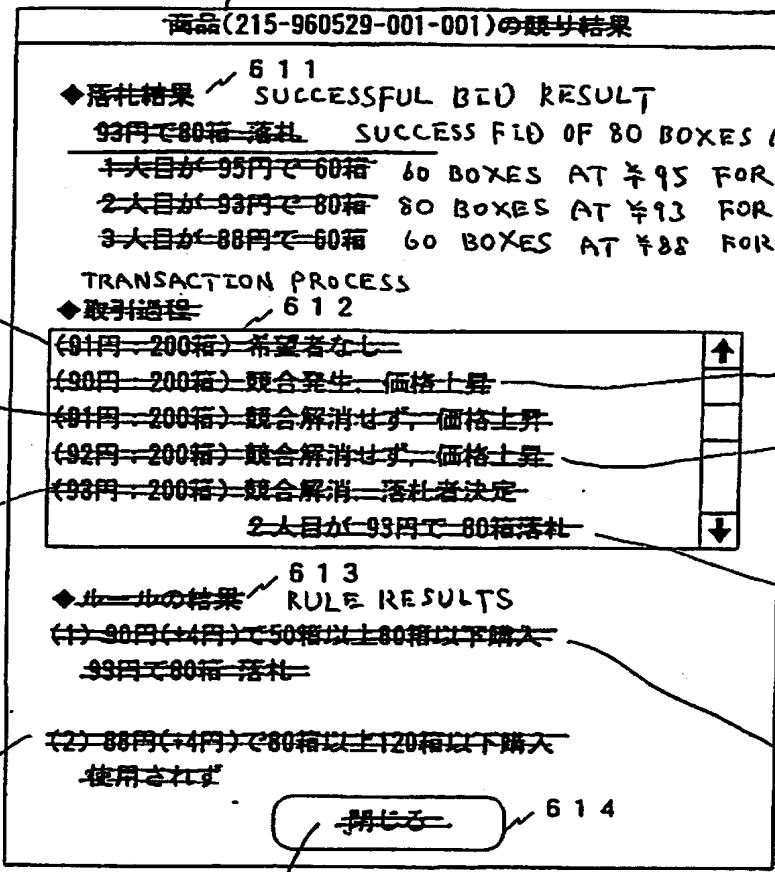
↑ 51
(FINISHED)
↑ 512
(FINISHED)
↓ 513
(NOT YET)
CLOSE

SUSPEND ORDERING

FIG. 6

[図7] (Fig.7)

AUCTION RESULT OF PRODUCT



(¥91: 200 BOXES)
THERE ARE NO
DESTRING
PERSONS

(¥91: 200 BOXES)
COMPETITION
CONTINUATION
AND PRICE RISE

(¥93: 200 BOXES)
COMPETITION
DANISHED AND
SUCCESSFUL BIDDER
DETERMINED

6.1

93円

FIRST PERSON
SECOND PERSON
THIRD PERSON

(¥90: 200 BOXES)

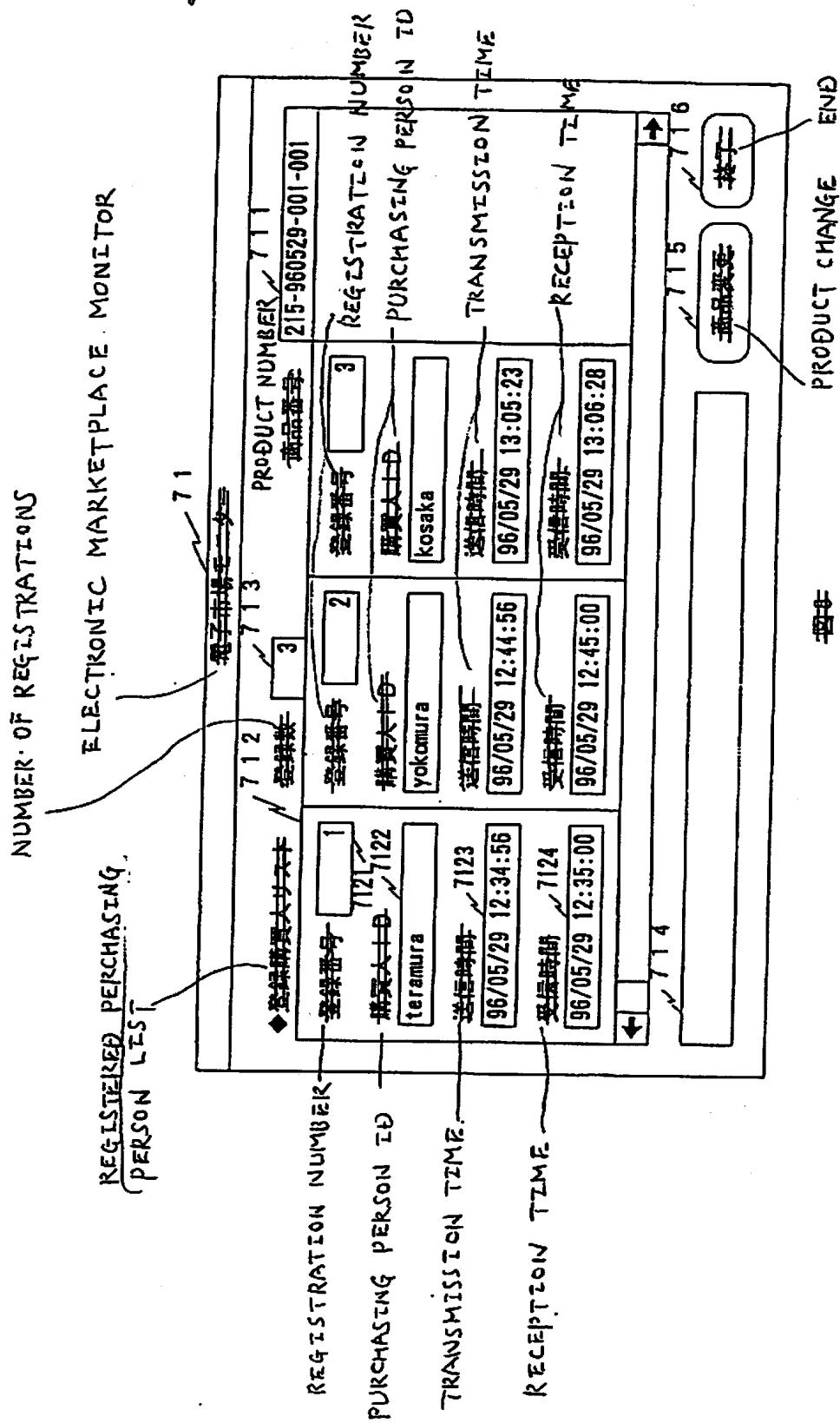
COMPETITION OCCURRANCE
AND PRICE RISE(¥92, 200 BOXES)
COMPETITION
CONTINUATION
AND PRICE RISESECOND PERSON
CONDUCTED SUCCESSFUL
BID FOR 80 BOXES
AT ¥93

(1) PURCHASE AT LEAST 50
AND AT MOST 80 BOXES
AT ¥90 (+¥4):
SUCCESSFUL BID OF
80 BOXES HAS BEEN
CONDUCTED AT ¥93

(2) PURCHASE AT LEAST 80
AND AT MOST 120 BOXES
AT ¥88 (+¥4):
NOT USED

FIG. 7

[~~Fig.~~] {Fig. 8}



۸۰

~~(8-9)~~ (Fig. 9)REGISTERED
PRODUCT NUMBER
LIST

PRODUCT SELECTION

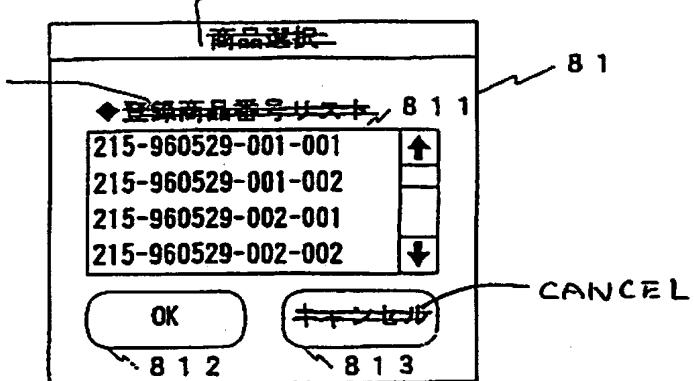


FIG. 9

LIST OF PURCHASING
PERSONS DESIRING
PURCHASE

AUCTION MONITOR

REGISTRATION NUMBER	PURCHASING PERSON ID	DESIRED QUANTITY	ALLOCATED QUANTITY	NOT YET ALLOCATED QUANTITY	TRANSACTION PROCESS
◆ 希望購入希望者番号 / 希望数量 登録番号 912 / 3	◆ 希望 登録番号 912 / 3	◆ 希望 希望数量 150	◆ 希望 希望数量 60	◆ 希望 未配分数量 90	◆ 取引過程 917
◆ 希望購入希望者番号 / 希望数量 登録番号 912 / 3	◆ 希望 登録番号 912 / 3	◆ 希望 希望数量 150	◆ 希望 希望数量 60	◆ 希望 未配分数量 90	◆ 取引過程 917
◆ 希望購入希望者番号 / 希望数量 登録番号 912 / 3	◆ 希望 登録番号 912 / 3	◆ 希望 希望数量 150	◆ 希望 希望数量 60	◆ 希望 未配分数量 90	◆ 取引過程 917
◆ 希望購入希望者番号 / 希望数量 登録番号 912 / 3	◆ 希望 登録番号 912 / 3	◆ 希望 希望数量 150	◆ 希望 希望数量 60	◆ 希望 未配分数量 90	◆ 取引過程 917

(¥ 94 : 200 BOXES) NO BIDDERS
 (¥ 13 : 200 BOXES) NO BIDDERS
 (¥ 92 : 200 BOXES) NO BIDDERS
 (¥ 91 : 200 BOXES) NO BIDDERS
 (¥ 90 : 200 BOXES) COMPETITION OCCURRENCE

■■■

FIG. 11

[图二] (Fig. 12)

LIST OF PURCHASING PERSONS DESIRING PURCHASE		NUMBER OF BIDDERS	
AUCTION MONITOR		9 1	
◆ 様式希望購入大手本 登録番号	1	PRODUCT NUMBER 商品番号	215-960529-001-001
◆ 様式希望購入大手本 登録番号	3	PRODUCT NUMBER 商品番号	4
◆ 様式希望購入大手本 登録番号	3	希望者数 登録番号	3
◆ 様式希望購入大手本 登録番号	1	希望者数 登録番号	1
REGISTRATION NUMBER ABANDON	PURCHASE PERSON ID teramura	DESIRE QUANTITY 希望数量	60
REGISTRATION NUMBER ABANDON	PURCHASE PERSON ID kossaka	RESERVE QUANTITY 希望数量	80
REGISTRATION NUMBER ABANDON	PURCHASE PERSON ID m-mori	ALLOCATED QUANTITY 希望数量	未配分
NOT YET ALLOCATED QUANTITY 未分配数量	REMAINING QUANTITY 希望数量	PRICE 希望数量	93
TRANSACTION PROCESS 取引過程	AUCTION SITUATION 落札状況	200	917
◆ 様式希望購入大手本 登録番号	◆ 様式希望購入大手本 登録番号	◆ 様式希望購入大手本 登録番号	◆ 様式希望購入大手本 登録番号

સાધુવાની : ૨૦૦ પૃષ્ઠાએ

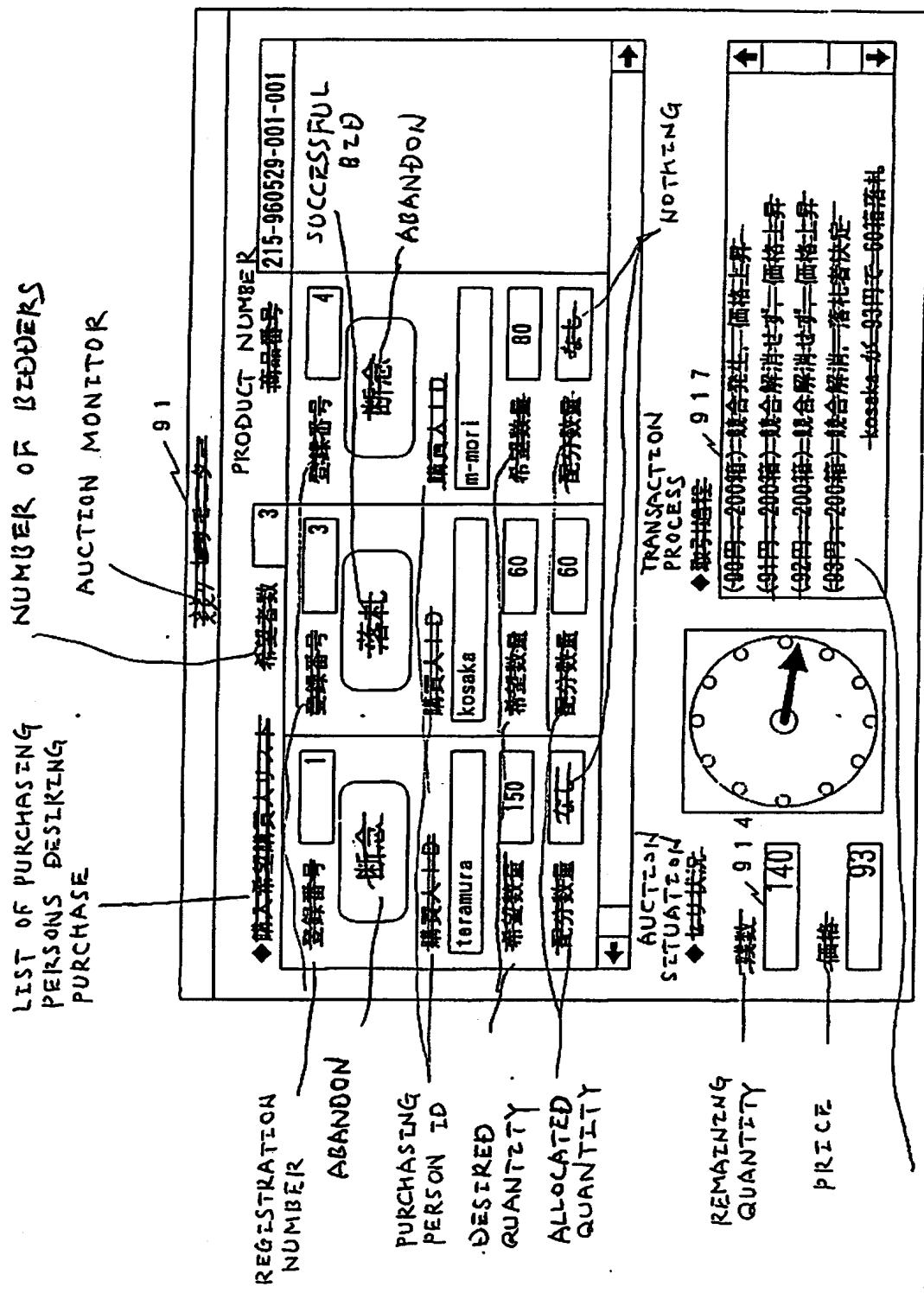
Fig. 200 BOXES). COMPETITION OCCURRENCE, PRICE KSE

Y91: 260 BOXES) COMPETITION CONTINUATION, PRICE RISE

(Fig. 2: 200 Boxes) COMPETITION CONTINUATION, PRICE RESERVE

COMPETITIVE TRANSHMENT ($\frac{1}{4}93$: 200 BOXES)

(図13) <Fig. 13>



(¥90: 200 BOXES) COMPETITION OCCURRENCE, PRICE RISE

(¥91: 200 BOXES) COMPETITION CONTINUATION, PRICE RISE

(¥92: 200 BOXES) COMPETITION CONTINUATION, PRICE RISE

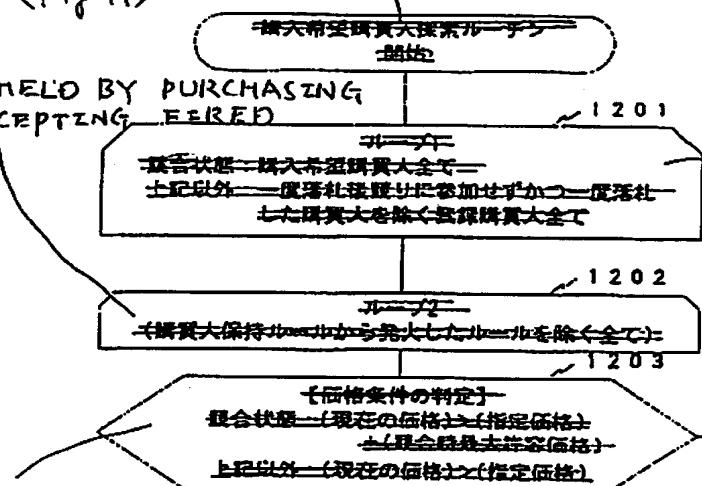
(¥93: 200 BOXES) COMPETITION TERMINATION, SUCCESSFUL BIDDING DETERMINED
KOSAKA MADE SUCCESSFUL BID FOR 60 BOXES AT ¥93

図13

FIG. 13

START OF PURCHASE DESIRING
 PURCHASING PERSON SEARCH
 (Fig. 14) ROUTINE

LOOP 2
 (ALL RULES HELD BY PURCHASING
 PERSON EXCEPTING FIRED
 RULES)



[JUDGMENT OF PRICE CONDITION]

COMPETITIVE STATE:

$(\text{CURRENT PRICE}) > (\text{SPECIFIED PRICE}) + (\text{HIGHEST POSSIBLE PRICE IN COMPETITION})$

OTHERWISE: $(\text{CURRENT PRICE}) > (\text{SPECIFIED PRICE})$

EXCLUDE SUBJECT PURCHASING PERSON FROM PURCHASE DESIRING PERSONS

1204

SET SUBJECT PURCHASING PERSON TO PURCHASING PERSON
 1205

1206

END OF PURCHASE DESIRING PURCHASING PERSON SEARCH ROUTINE

[SET DESIRED AMOUNT]

○ ALL AMOUNT PURCHASE: MINIMUM DESIRED AMOUNT = 0

MAXIMUM DESIRED AMOUNT = REMAINING QUANTITY

○ FIXED AMOUNT PURCHASE: MINIMUM DESIRED AMOUNT = SPECIFIED AMOUNT

MAXIMUM DESIRED AMOUNT = SPECIFIED AMOUNT

○ RANGE DESIGNATION PURCHASE:

UPPER LIMIT NOT SPECIFIED: MINIMUM DESIRED AMOUNT = LOWER LIMIT

MAXIMUM DESIRED AMOUNT = REMAINING QUANTITY

LOWER LIMIT NOT SPECIFIED: MINIMUM DESIRED AMOUNT = 0

MAXIMUM DESIRED AMOUNT = UPPER LIMIT

MINIMUM DESIRED AMOUNT = LOWER LIMIT

MAXIMUM DESIRED AMOUNT = UPPER LIMIT

1104

Loop 1
 COMPETITIVE STATE: ALL OF PURCHASE DESIRING PURCHASING PERSONS

OTHERWISE: ALL OF REGISTERED PURCHASING PERSONS EXCEPTING PURCHASING PERSONS WHO DID NOT PARTICIPATE IN AUCTION AFTER CONDUCTING SUCCESSFUL BID ONCE AND WHO CONDUCTED SUCCESSFUL BID ONCE

[JUDGMENT OF AMOUNT CONDITION]

(REMAINING QUANTITY) < (MINIMUM DESIRED AMOUNT)

1207

○ 全量購入: 最低希望数量 = 0
 最大希望数量 = 残量
 ○ 定量購入: 最低希望数量 = 指定数量
 最大希望数量 = 指定数量
 ○範囲指定購入:
 上限値なし: 最低希望数量 = 下限値
 最大希望数量 = 残量
 下限値なし: 最低希望数量 = 0
 最大希望数量 = 上限値
 上記以外: 最低希望数量 = 下限値
 最大希望数量 = 上限値

1208

[数量条件の判定:
(現会員最大値) < (最小希望数量)]

No

Loop 2
 (ALL RULES HELD BY PURCHASING PERSON EXCEPTING FIRED RULES)

Loop 1

COMPETITIVE STATE: ALL OF PURCHASE DESIRING PURCHASING PERSONS

OTHERWISE: ALL OF REGISTERED PURCHASING PERSONS EXCEPTING PURCHASING PERSONS WHO DID NOT PARTICIPATE IN AUCTION AFTER CONDUCTING SUCCESSFUL BID ONCE AND WHO CONDUCTED SUCCESSFUL BID ONCE

FIG. 14

[図1-5] (Fig. 15)

CALCULATE SUM TOTAL (SUM TOTAL 1) OF MINIMUM DESIRED AMOUNTS OF PURCHASE DESIRING PURCHASING PERSONS EACH HAVING NONZERO MINIMUM DESIRED AMOUNT

COMPETITIVE STATE/JUDGING ROUTINE
競合状態判定ルーチン

1106

(REMAINING QUANTITY) < (SUM TOTAL 1) + (NUMBER OF PURCHASE DESIRING PURCHASING PERSONS HAVING MINIMUM DESIRED AMOUNT EQUAL TO ZERO)

CALCULATE SUM TOTAL (SUM TOTAL 2) OF MINIMUM DESIRED AMOUNTS OF PURCHASING PERSONS WHO ARE INCLUDED IN PURCHASE DESIRING PURCHASING PERSONS EACH HAVING NONZERO DESIRED AMOUNT AND WHO DO NOT PURCHASE FOR AMOUNT LESS THAN MINIMUM DESIRED AMOUNT

最低希望数量が0でない

購入希望購入人の一

最低希望数量の総和(総和1)を計算

1301

1302

Yes

1303

最低希望数量が0でない購入希望購入人の中で
最低希望数量以下では購入しない購入人の
最低希望数量の総和(総和2)を計算

1304

(残量) < (総和2) + (最低希望数量が
0の購入希望購入人數)
+ (最低希望数量以下でも
購入する購入人數)

No

1305

最低希望数量が0でない購入希望購入人の中で
最低希望数量以下で購入する購入人の
最低希望数量を日本する

1306

ALLOCATABLE STATE
配分可能状態

競合状態

FIG. 15

FOR PURCHASE DESIRING PURCHASING PERSONS WHO ARE INCLUDED IN PURCHASE DESIRING PURCHASING PERSONS EACH HAVING NONZERO MINIMUM DESIRED AMOUNT AND WHO PURCHASE EVEN IF AMOUNT IS LESS THAN MINIMUM DESIRED AMOUNT, SET MINIMUM DESIRED AMOUNT TO 0

(REMAINING QUANTITY) < (SUM TOTAL 2) + (NUMBER OF PURCHASE DESIRING PURCHASING PERSONS EACH HAVING MINIMUM DESIRED AMOUNT EQUAL TO ZERO) + (NUMBER OF PURCHASING PERSONS WHO PURCHASE EVEN IF AMOUNT IS LESS THAN MINIMUM DESIRED AMOUNT)

[図16]

{Fig. 16}

START OF COMPETITION
VANISHING ROUTINE

1108

COMPETITIVE STATE
JUDGING ROUTINE

COMPETITIVE STATE?

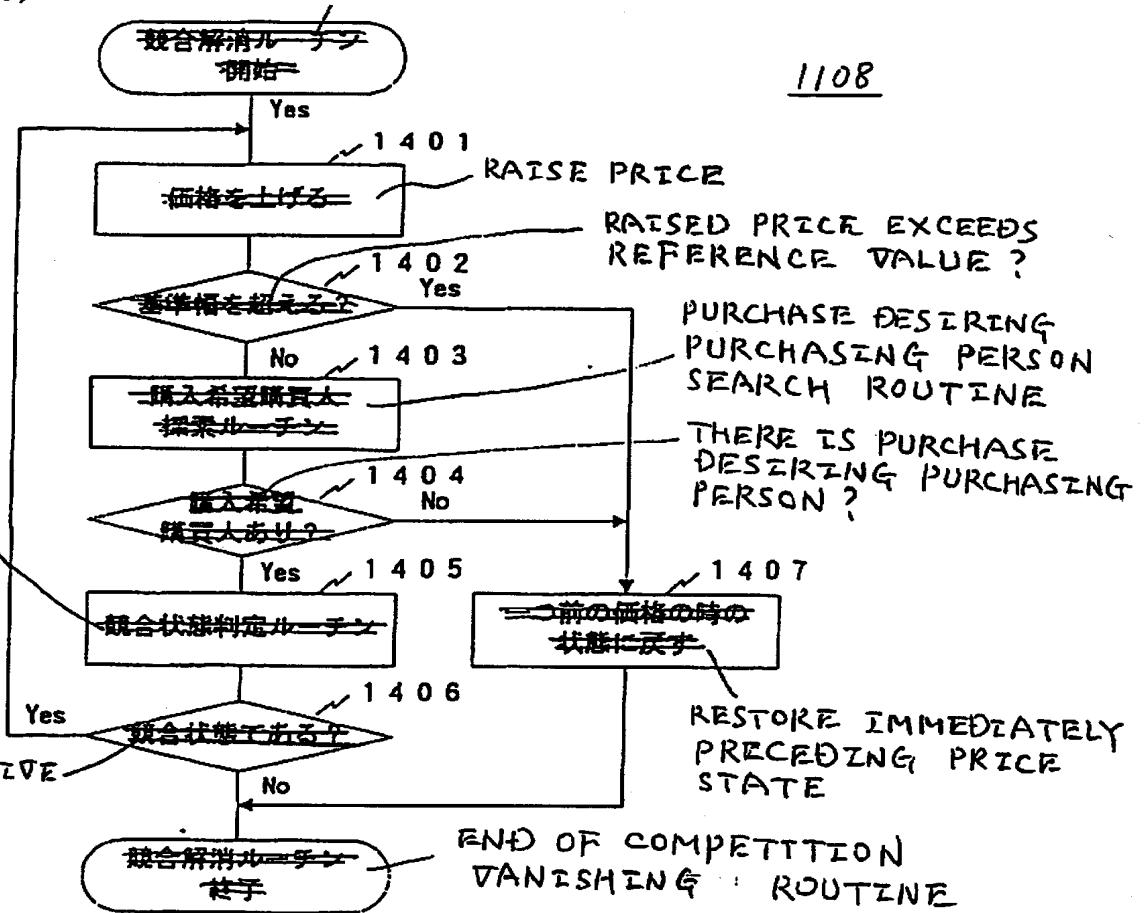


FIG. 16

(図17) {Fig. 17}

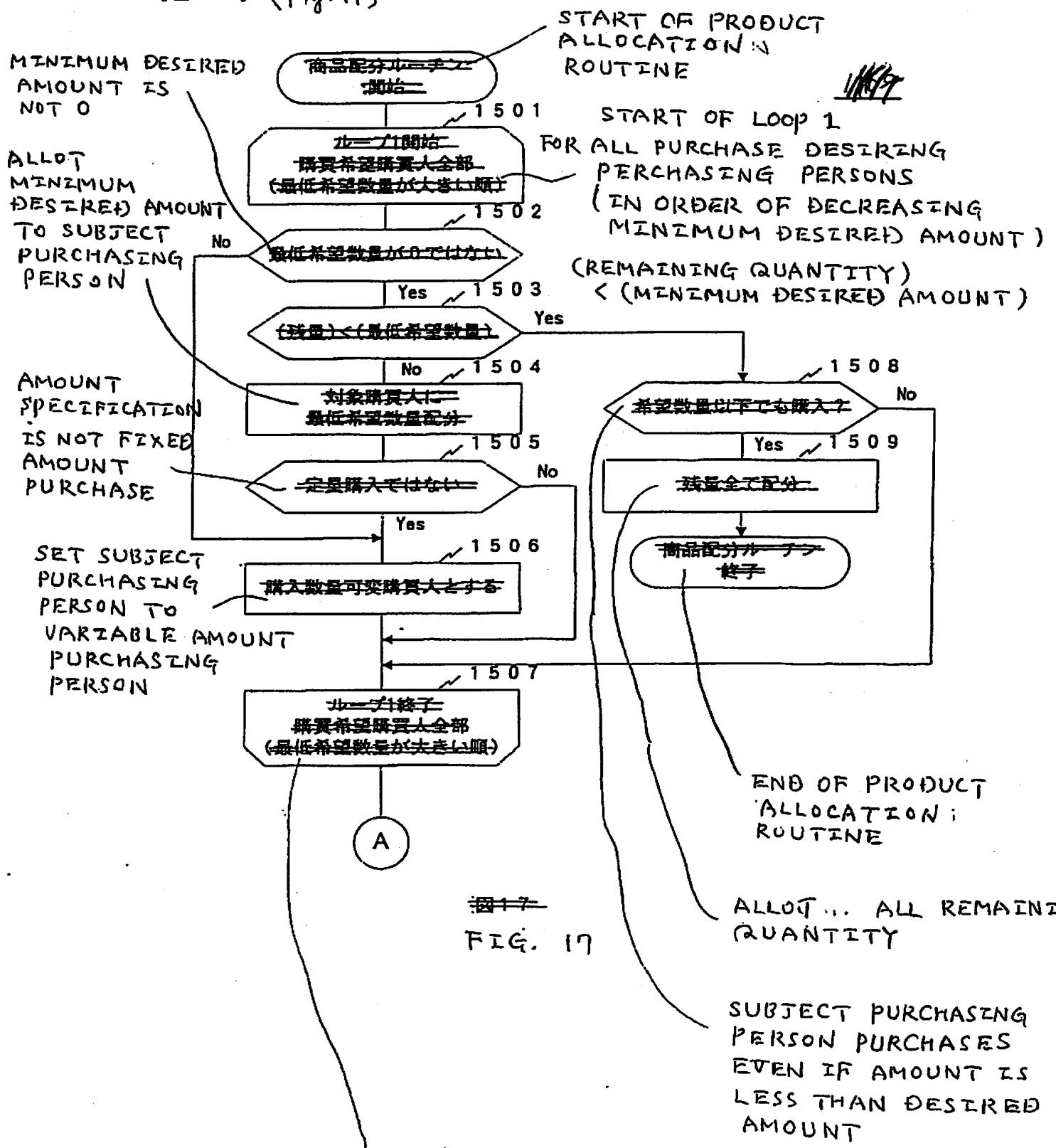


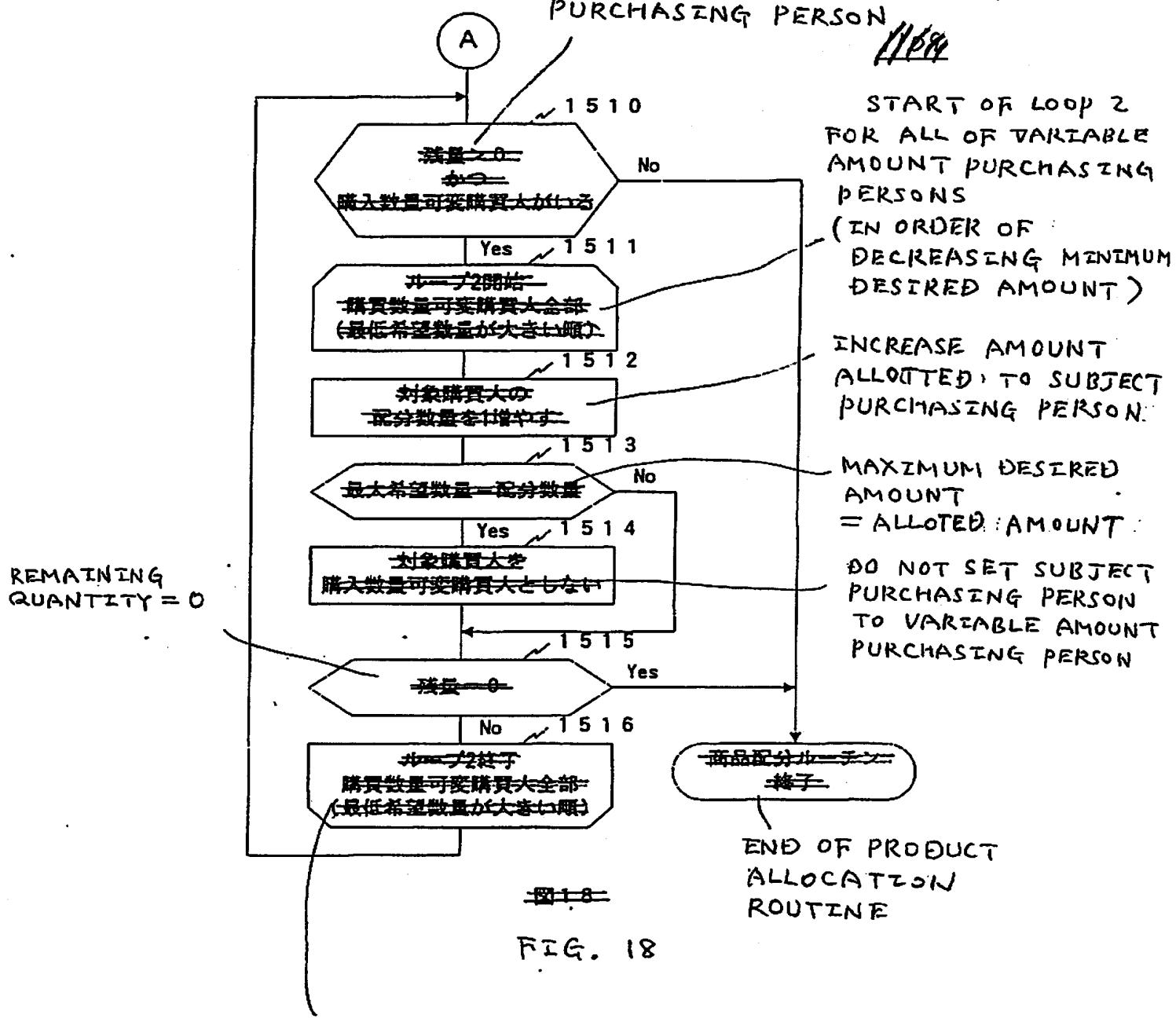
FIG. 17

END OF LOOP 1
 FOR ALL PURCHASE DESIRING PURCHASING PERSONS
 (IN ORDER OF DECREASING MINIMUM DESIRED AMOUNT)

[図-8] {Fig. 18}

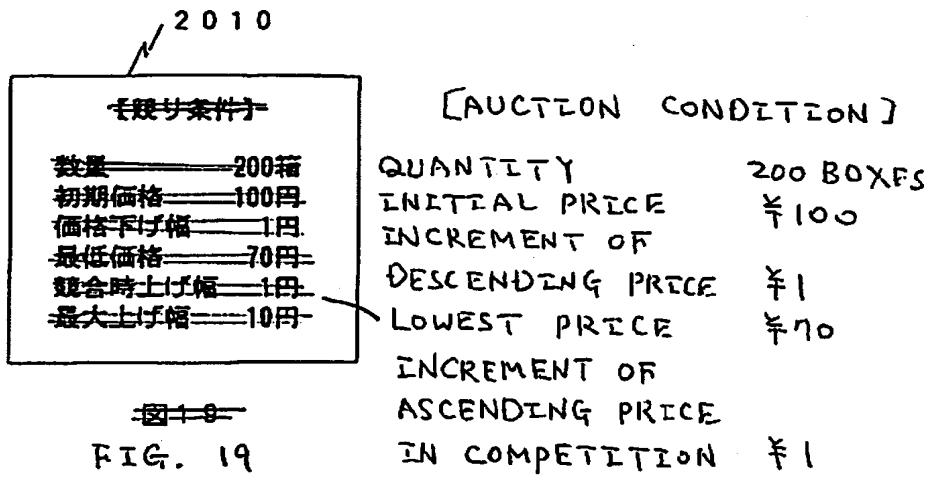
REMAINING QUANTITY > 0
AND
THERE IS VARIABLE AMOUNT PURCHASING PERSON

11/6/94



END OF LOOP 2
FOR ALL OF VARIABLE AMOUNT PURCHASING PERSONS
(IN ORDER OF DECREASING MINIMUM DESIRED AMOUNT)

[図19] {Fig. 19}



[] (Fig. 20)

[REGISTERED PURCHASING PERSONS AND AUCTION ORDERING INFORMATION]

[PURCHASING PERSON A]

PURCHASE 60 BOXES

AT ¥95 (+¥2)

PURCHASE ALL AMOUNT

AT LOWEST PRICE

(+¥2)

[PURCHASING PERSON B]

PURCHASE 100 BOXES

AT ¥90 (+¥2)

PURCHASE 70 TO 100

BOXES AT ¥90 (+¥4)

DO NOT PARTICIPATE IN

AUCTION AFTER

CONDUCTING

SUCCESSFUL BID

ONCE

[PURCHASING PERSON C]

PURCHASE 80 BOXES AT

¥90 (+¥4)

[PURCHASING PERSON D]

PURCHASE 50 TO 150 BOXES

AT ¥88 (+¥3)

